GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – Hindustan Petroleum Corporation Limited (HPCL) – Laying of 16”dia Petroleum product pipe line along with Optical Fiber cable (OFC) as part of Vijayawada-Dharmapuri Petroleum product pipe line across the Krishna River in Krishna District – Permission Accorded –Orders – Issued.

WATER RESOURCES (REFORMS) DEPARTMENT

G.O.RT.No. 892 Dated: 26-12-2018
Read:

From the Engineer-in-Chief(Irrigation), Water Resources Department, Vijayawada Lr.No.ENC(I)/DCE-DW/OT-7/AWW18/HPCL Pipe line, dated: 14.11.2018.

O R D E R

In the reference read above, the Engineer-in-Chief(Irrigation), Water Resources Department, Vijayawada has stated that the M/s Hindustan Petroleum Corporation Limited is laying Petroleum Product pipeline from Vijayawada to Dharmapuri and the HPCL has requested to accord necessary permission for laying of l6"dia Petroleum product pipe line along with Optical Fiber Cable(OFC) across Krishna River in Krishna District. The proposed line will be l6”OD carbon steel confirming API-5L Specifications based on final design by adopting the HDD method. The proposed top of pipe line will be laid at the depth of 2.50 m below the scour depth. The HPCL authorities has also stated that all the safety precautions will be ensured during execution of work and crossing location will be restored to the original standards after execution.

2. The Engineer-in-Chief(Irrigation), Water Resources Department, Vijayawada has recommended for according permission to M/s Hindustan Petroleum Corporation Limited for laying of l6"dia Petroleum product pipe line along with Optical Fiber Cable(OFC) across Krishna River in Krishna District. The Engineer- in-Chief (Irrigation) has submitted the details of pipe line crossing and conditions to be stipulated for laying the pipeline.

2(a) Crossing Details :

Sl. No	Name of the River	Name of the Village	Pipe line chainage in Km
1	Krishna River	Pokkunuru	55.077 Km

2(b) Conditions:

1. Lease amount has to be deposited as arrived based on the prevailing rates in advance before taking up of the work.
2. The work at canals / drains /flood banks / river crossings is to be allowed only after obtaining approved drawings from the competent authority.
3. The ancillary / incidental works as may be required by the Water Resources Department / Farmers Organization required for water supply has to be attended by the HPCL during execution.

(PTO)

4. Necessary permission for alignment, design & Drawing @ crossing River/field channels/distributaries has to be obtained from the competent authority of Water Resources Department.
5. The pipeline shall be laid duly maintaining a minimum of 2.0 m to 2.5 m clear cushion from the ground or below designated bed level of the channels/canals at crossings and in case of river/ flood banks a minimum of 10m is to be provided. The pipeline should be laid by HDD method only. Necessary casing with cement concrete has to be provided at cost of HPCL.
6. Crossings where pipeline and channels are met with the alignment is to be taken away from the structure to a safe distance as directed by the Water Resources Department during the course of execution of work. The alignment shall not create any obstructions to modernization of canal system and the HPCL has to propose the alignment accordingly.
7. After execution of laying the pipeline, proper compaction is to be done and the bank is to be restored to designed profile.
8. While execution of the work, utmost care is to be taken for protecting salient features of the canals / drains and flood banks. In case of any damage caused to any irrigation system, the same should be restored immediately by reconstruction of the same at the cost of the HPCL to the required standards.
9. There is possibility of new cross masonry works in the process of modernization as such case the alignment of pipeline is to be diverted accordingly and when necessary during the course of execution of modernization work at the cost of HPCL.
10. There shall not be any obstruction for the free flow of the water/navigation during the execution of work or after the completion of work.
11. The inspection paths on canal banks/ drain banks / flood banks shall not be damaged, if any damage is noticed, the same has to be restored and brought to the original condition immediately at the cost of HPCL.
12. During laying of pipeline, obstruction should not be created for movement of vehicles on the banks.
13. After completion of work, the banks of canals, drains and flood banks should be brought to the original standards, i.e., rolled and made free from undulations.
14. The alignment of pipeline shall not obstruct the execution of modernization work or harvesting process by farmers.
15. The firm has to intimate 15 days before commencement of work and the work has to be done under the close supervision of Water Resources Department staff only.
16. The method of crossing for major canals, distributaries, major drains, medium drains and rivers, flood banks is by H.D.D. method only. Open cut method shall not be permitted on canals or Channels.
17. The specification of HPCL shall be followed while execution of work and the work shall be carried out under the supervision of authorized technical person from HPCL N.O.C will be accorded only after getting proper completion certificate from HPCL.

(Continued…p.3)

18. There is a proposal for widening of Highway/R&B road and accordingly, there may be need of shifting the channels/drains. Therefore, the executing agency shall be modify the alignment according to the requirement of water Resources Department and Highway/ R&B Departments during the course of execution.
19. The permission accorded shall be liable to cancel at any time when the situation demands/ any objections raised from the ayacutdars without any prior notice and HPCL have no right to claim any compensation in this regard.
20. Any deviations to the above conditions put forth shall be deemed to have been automatically cancelled the permission accorded.
21. Valve chambers are to be provided away from the banks wherever necessary.
22. During execution, open excavation of work on field channels, minor drains, necessary diversion arrangements are to be made for free flow of water of the canals/drains.
23. Necessary protection to river margin to avoid erosion may be provided by the HPCL with their own cost.
24. Any damage caused to Government property should be rectified by the HPCL at their own cost.
25. Any recommendations/remedial measures made for protecting the areas on marginal land that may be found necessary by the Water Resources Department during the course of operations by M/s HPCL shall have to be done with their own cost.
26. M/s HPCL should not make any alternations of the proposals without the consent of Water Resources Department.
27. Seignorage charges if any, for sand/earth etc, should be paid by HPCL to the Mines and Geology Department at the rates fixed by the Government from time to time.
28. The work shall be executed by M/s HPCL at their own cost with the close association/supervision of Water Resources Department authorities/ officials.
29. The HPCL should make their own arrangements to safeguard their equipment material and men during floods time. M/s HPCL should take all necessary safety precautionary measures and the firm has to maintain the entire system at their own cost as long as their operations exist.
30. The firm should not construct permanent or temporary structures in the lanka land.
31. The department is no way responsible for any legal complications arising out of by public or other on the above work operations of the firm.
32. The HPCL shall follow the river conservancy rules.
33. While laying the pipelines sufficient protection works are to be carried out all the crossings of canals/ drains / flood banks/ river so as to facilitate carrying the required maintenance and construction works by the department by employing heavy machinery.
34. The HPCL should ensure that gas/optical fiber cable should not get disturbed/damaged due to movement of heavy machinery that carried maintenance operations. Any disturbance/damage caused shall be to the account of pipeline Company.

(PTO)

35. If any modifications are required for the pipelines in future due to departmental activities in the delta system, the pipelined HPCL shall carry out the modifications at their cost to the satisfaction of the Department.

36. The HPCL shall abide all existing labour laws regarding providing amenities and payments etc., to their labour working in the premises/ Site of this department and this department is not responsible for any kind of negligence in enforcing any labour law/act or any compensation to be paid if any up to incident occur.

37. The HPCL authority have to submit Bank Guarantee if any other Security Deposit as fixed by the Water Resources Department.

3. Under the circumstances explained above, the Engineer-in-Chief (Irrigation), Water Resources Department, Vijayawada has requested the Government to accord necessary permission to M/s Hindustan Petroleum Corporation Limited (HPCL) for laying of l6"dia Petroleum product pipe line along with Optical Fiber Cable(OFC) across Krishna River in Krishna District location of crossing mentioned at para.2(a) and subject to the terms and conditions as mentioned at para.2(b) above.

4. Government, in view of the circumstances explained by the Engineer-in-Chief (Irrigation), Water Resources Department, Vijayawada, after careful examination of the matter, hereby accord permission to M/s Hindustan Petroleum Corporation Limited (HPCL) for laying of l6"dia Petroleum product pipe line along with Optical Fiber Cable(OFC) across Krishna River in Krishna District, location of crossing mentioned at para.2(a) and subject to the terms and conditions as mentioned at para.2(b) above.

5. The Engineer-in-Chief (Irrigation), Water Resources Department, Andhra Pradesh, Vijayawada and the Collector & District Magistrate of Krishna district shall take necessary action accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

SHASHI BHUSHAN KUMAR
SECRETARY TO GOVERNMENT

To
The Engineer-in-Chief (Irrigation), Water Resources Department,
Andhra Pradesh, Vijayawada.
The Collector & District Magistrate, Krishna District.
The Chief Engineer, Krishna Delta System, Vijayawada.
The Executive Director (Pipelines), HPCL(A Govt. Of India Enterprise),
Regd. Office:17, Jamshedji Tata Road, Mumbai.

Copy to:
The Private Secretary to Hon'ble Minister for Water Resources Department.
The Private Secretary to Secretary to Government, Water Resources Department.
The Superintending Engineer, Irrigation Circle, Vijayawada.
SF/SC

//FORWARDED::BY ORDER//

SECTION OFFICER.